

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph A. Zupanick

Art Unit : 3672

Serial No. : 10/004,316

Examiner : Daniel P. Stephenson

Filed : October 30, 2001

Title : SLANT ENTRY WELL SYSTEM AND METHOD

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed. A copy of a communication from a foreign patent office in a related application is also enclosed.

This statement is being filed after the filing of a Request for Continued Examination filed September 9, 2004 and before the receipt of a first Office Action on the merits. It is believed no fees are due. Please apply any deficiencies or any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

Respectfully submitted,

Date: \_\_\_\_\_

11/12/04

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| Substitute Form PTO-1449<br>(Modified)<br> | U.S. Department of Commerce<br>Patent and Trademark Office  |  | Attorney's Docket No.<br>17601-020001 | Application No.<br>10/004,316 |
|  | <b>Information Disclosure Statement</b><br><b>by Applicant</b><br>(Use several sheets if necessary) |  |                                       |                               |
|  | Applicant<br>Joseph A. Zupanick   |  | Filing Date<br>October 30, 2001       | Group Art Unit<br>3672        |

**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee       | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|----------------|-------|----------|----------------------------|
|                  | A1        | 3,744,565       | 07/10/1973       | Brown          |       |          |                            |
|                  | A2        | 4,060,130       | 11/29/1977       | Hart           |       |          |                            |
|                  | A3        | 2002/0043404 A1 | 04/18/2002       | Trueman et al. |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

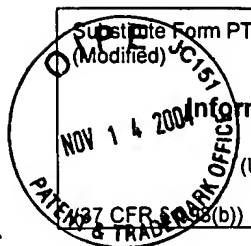
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | B1        | EP 1 316 673 A2 | 06/04/2003       | EPO                      |       |          | N/A         |    |
|                  | B2        | SU-876968       | 10/30/1981       | Russia                   |       |          |             | X  |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document   |
|------------------|-----------|--|
|                  | C1        | Denney, Dennis, "Drilling Maximum-Reservoir-Contact Wells in the Shaybah Field," SPE 85307, pages 60, 62-63, October 20, 2003  |
|                  | C2        | Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (3 pages), International Search Report (5 pages) and Written Opinion of the International Searching Authority (6 pages) re International Application No. PCT/US2004/012029 mailed September 22, 2004 |
|                  | C3        | Brunner, D.J. and Schwoebel, J.J., "Directional Drilling for Methane Drainage and Exploration in Advance of Mining," REI Drilling Directional Underground, World Coal, 1999, 10 pages  |
|                  | C4        | Thakur, P.C., "A History of Coalbed Methane Drainage From United States Coal Mines," 2003 SME Annual Meeting, February 24-26, Cincinnati, Ohio, 4 pages  |
|                  | C5        | U.S. Climate Change Technology Program, "Technology Options for the Near and Long Term," 4.1.5 Advances in Coal Mine Methane Recovery Systems, pp. 162-164   |
|                  | C6        | Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (3 pages), International Search Report (3 pages) and Written Opinion of the International Searching Authority (7 pages) re International Application No. PCT/US2004/017048 mailed October 21, 2004   |
|                  | C7        | Gardes, Robert, "Multi-Seam Completion Technology," Natural Gas Quarterly, E&P, June 2004, pp. 78-81   |
|                  | C8        | Baiton, Nicholas, "Maximize Oil Production and Recovery," Vertizontal Brochure, received 10/2/2002, 4 pages  |
|                  | C9        | Dreiling, Tim, McClelland, M.L. and Bilyeu, Brad, "Horizontal & High Angle Air Drilling in the San Juan Basin, New Mexico," Dated on or about 3/6/2003, pp. 1-11   |

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|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

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| Filing Date<br>October 30, 2001  |  | Group Art Unit<br>3672                |                               |


**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document   |
|------------------|-----------|--|
|                  | C10       | Fong, David K., Wong, Frank Y., and McIntyre, Frank J., "An Unexpected Benefit of Horizontal Wells on Offset Vertical Well Productivity in Vertical Miscible Floods," Canadian SPE/CIM/CANMET Paper No. HWC94-09, paper to be presented March 20-23, 1994, Calgary, Canada, 10 pages |
|                  | C11       | Fischer, Perry A., "What's Happening in Production," World Oil, June 2001, p. 27   |
|                  | C12       | Website of PTTC Network News Volume 7, 1 <sup>st</sup> Quarter 2001, Table of Contents, <a href="http://www.pttc.org/..news/v7n1nn4.htm">http://www.pttc.org/..news/v7n1nn4.htm</a> printed 04/25/2003, 3 pages  |
|                  | C13       | Cox, Richard J.W., "Testing Horizontal Wells While Drilling Underbalanced," Delft University of Technology, August 1998, 68 pages  |
|                  | C14       | McLennan, John, et al., "Underbalanced Drilling Manual," Gas Research Institute, Chicago, Illinois, GRI Reference No. GRI-97/0236, copyright 1997, 502 pages   |
|                  | C15       | The Need for a Viable Multi-Seam Completion Technology for the Powder River Basin, Current Practice and Limitations, Gardes Energy Services, Inc., Believed to be 2003 (8 pages)   |

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